

**ABSTRACT OF THE DISCLOSURE**

An image processing apparatus processes input pixel data and outputs the processed pixel data as output pixel data. The image processing apparatus includes an input reliability calculation section for calculating an input reliability indicating the reliability of the input pixel data, an output reliability calculation section for calculating an output reliability indicating the reliability of the output pixel data, a motion-amount detecting section for detecting the amount of the motion of the input pixel data, a compensation section for compensating the output reliability according to the amount of the motion, and a processing section for processing the input pixel data according to the input reliability and the compensated output reliability and for outputting the output pixel data.

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